

Arbetsmiljöplan 2016-10-04

Projektnamn	Uppgifter i denna AMP gäller för projekttiden
Stallbacken punkt 4	Start: 2016-10-10 End 2018-09-28
Besöksadress till byggplatsen	Beskrivning av projekt
Åby Allé	New construction of 4 houses, 133 apartments, garage with 80 slots under ground.
Byggherrens namn	Byggherrens telefonnummer
Wallenstam Åbytallen 20 AB	Bengt Lindegran 072-5518810 bengt.lindegran@wallenstam.se

This working plan was made:

Datum	Företag/ Namn och namnteckning Byggarbetsmiljösamordnare – Planering och projektering BAS-P
2016-10-04	Dmj Bygg AB, Robert Lööf, BAS-P

This working plan was taken over:

Datum	Företag/ Namn och namnteckning Byggarbetsmiljösamordnare – Utförande BAS-U
2016-10-10	Dmj Bygg AB, Roger Sjöblom
2017-01-25	Dmj Bygg AB, Jesper Modigh

Audit history

Audit history, the establishment

Version	Date	Completion	Byggarbetsmiljösamordnare – Planering och projektering BAS-P

Audit history, continuous adaptation

Version	Date	Completion	Byggarbetsmiljösamordnare – Utförande BAS-U
2	11/11 2016	Security Ombudsman, security protection day, decontamination is removed from risk analysis.	Roger Sjöblom DMJ Bygg
3	25/1 2017	Change of bas-U & bas-P	Jesper Modigh Dmj Bygg

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This is how you fill in the notification	Fel! Bokmärket är inte definierat.

Working environment organisation

Work environment coordination for planning and projecting "BAS-P"

Arbetsmiljösamordnare – planering och projektering/ Företag	Kontaktperson
Dmj Bygg AB	Roger Sjöblom 0728-886968

Arbetsmiljösamordning för utförandet "BAS-U"

Arbetsmiljösamordnare – Utförande / Företag	Ev. ytterliggare kontaktpersoner
Dmj Bygg AB	Patrik Svensson 0708-417186
Kontaktperson (anslås)	Ev. ytterliggare kontaktpersoner
Jesper Modigh 0738-800572	

Tillståndsansvar för brandskydd

Namn	Telefon
Jesper Modigh	0738-800572
Patrik Svensson	0708-417186

Arbete på fast driftsställe – ansvar för samordning av arbetsmiljöfrågor

Namn	Telefon
XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX

First Aid **SE ARBETSPLATSTAVLA**

Namn och telefon	Namn och telefon
Jesper Modigh	0738-800572
Patrik Svensson	0708-417186

Ombudsman for safety at work site

Ombudsman for safety

Namn	Företag	Telefon
Anders Karlsson	Regionalt skyddsombud väst	010-6011417
Namn	Företag	Telefon
Namn	Företag	Telefon

Eventually designated coordinating ombudsman for safety

Namn	Företag	Telefon

Other contacts

Contacts at consultants

Namn	Roll	Företag	Telefon
Jessica Lindblad	Arkitekt	Arkitekthuset	036-395602
Rickard Ärlig	El-projektör	Elkontakt AB i Göteborg	033-293830
Joakim Österlund	Konstruktör	STIBA	033-233395
Anna Olsson	Prefab-konstruktör	Cowi AB	010-8501673
Klas Josefsson	Fukt	Dry-it	0767-850321
Gunnar Isaksson	Rör- och Luft-projektör	GICON Installationsledning	0705-213 222 / 0705-222785
Dan Eriksson	Akustik-konsult	Akustikforum AB	031-616367
Sven Andersson	Brandkonsult	PQR Consult AB	031-3858700

Contacts at contractors

SE ARBETSPLATSTAVLA

Namn	Roll	Företag	Telefon

Rules for operations at work site

Order at work site

Good order should apply to the workplace. This creates well-being and accessibility and can prevent many accidents. In personnel areas, planning and maintenance regulations must be met carefully.

Safety inspections

At this work site safety inspections are made.

Mondays at 14.00 even weeks
(ange tidsintervall ex. tisdag i jämna veckor)

Personal safety equipment.

Protective helmet with heel strap and safety shoes with anti-slip protection and protective cover should always be worn unless coordinator explicitly allows otherwise. Other recommended protective equipment should also be worn.

Protective devices

Before starting work, always check that the required protective devices are correct and safe. A work may mean that you have to put a temporary lockout around the workplace to prevent someone from injuring yourself. You must make sure that there are protective devices and any locks before starting work.

If such is missing, you are required to report to the supervisor before the work begins.

Examples of protective devices are protective rails and different types of machine protection.

If you need to remove a protective device in order to perform a job, you are personally responsible for its return

Observe

Should a protective device be removed in order to perform a job, it is an obligation to restore it. If the protection device can not be immediately reset, this must be reported to the supervisory board and BAS-U (Failure or carelessness may result in a penalty sentence according to AML Chapter 8 §2).

Fire hazard and fire extinguisher

You should always inform the Fire Protection Officer if you intend to use a flammable product. It is necessary for escape routes to be kept free. One should be sure where fire extinguishers are located. Gas and gas bottles shall, when not in use, be collected in a specially designated and hazardous location.

Hot works

Hot Work primarily refers to welding and cutting, rounding, soldering, and the work of gas waves for heating or thawing that results in fire risk or burn on materials. No Hot Work may commence without the Fire Protection Officer made control and leave permission. You must have a fire protection course and always carry fire extinguishers when performing such work. Ensure that the equipment meets the requirements of the Fire and Occupational Safety Authority and that the insurance companies' requirements for "Precautionary Measures" are met.

Materials

Materials should be placed in designated places. Check that the transport routes are not blocked. Each occupational group takes care of their garbage and leftovers daily and puts them in the designated place. Take care of all leftover materials - continuously!

Transport routes, access routes and transport openings

You may not block a transport or escape route. Use the access routes, stairs and landings built for your sake. The necessary transport openings must be provided and shall be kept free of charge. If necessary, wear a protective rack.

Inspection requirements for machines

Excavators, cranes, hoists, lifts and similar equipment must be inspected at certain time intervals. Equipment for which the current task is missing for approved inspection may not be used in the workplace. Inspection certificate shall be submitted to BAS-U before any work may commence. Where a driver's license is required, this must be shown and, in the case of machinery-driven lifting devices, the employer's permit is also shown.

Occupation evidence / licenses

All machine drivers in this workplace must have a professional card / driver's license

Noisy business

Measures to reduce hearing impaired noise should be taken by everyone in the workplace. This is done partly by using such machines and equipment that provide as little noise as possible, and partly by shutting off particularly noisy jobs. Work that causes hearing impaired noise (eg cutting of a spiral pipe with a roundabout) should, if possible, be carried out at a workshop or a shielded place. Hearing protection is used. Radio devices, etc., may not be included in the workplace without BAS-U approval and may not be used with disruptive volume.

Electricity safety

Unauthorized installer may not intervene in the power plant - temporary or permanent. Only replacement of plug fuses and bulbs may be carried out as well as suspension and protection of power cables. Be gentle with the cables - they are easily damaged. Do not leave cables unprotected where there is a risk of injury. Damaged power cables may not be used under any circumstances. If damage to the power cable is detected - immediately inform the workflow.

Hazardous substances

At BAS-U there is a safety data sheet / safety data sheet binder of all hazardous substances used in the workplace. Subcontractors must send BAS-U the safety data sheet / safety data sheet of the hazardous substances handled by them at the workplace. If hazardous substances have to be used - help to ensure that the management provides information about the risks that each substance may cause and what protection measures need to be taken.

Car parking

In the work area, parking may only be done at the designated location.

Subcontractors

The subcontractor shall ensure that his own staff members receive these rules.

Each contractor may provide special protective devices and personal protective equipment for their employees and ensure that their own equipment is continuously inspected and maintained. Displacement and / or working hours may not be done without agreement with BAS-U.

Emergency preparedness

Emergency preparedness plan is informed to all at the workplace and is appropriated / distributed.

Other

Ytterligare regler och direktiv från byggherren som ska ingå, se exempel nedan.	Denna ruta skall inte tas med i utskrift
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General rules and regulations

First Aid Kit	Available in work placement / office.
Safety equipment	Protective helmets and protective shoes should be used in the workplace. Other protective equipment should be worn when the work requires it.
Waste/disposal	Waste is sorted in designated containers by the respective contractor.
Hot works	Hot work may only be carried out by a person authorized to do so. Fire protection officer may not perform the work.
Lifting devices and scaffoldings	All lifting devices and stands shall be inspected and approved. As well as comply with the current legislation regarding security.
Transports	Loading / unloading must only be done during working hours.
Openings, shafts	Openings and shafts shall be provided with rails or safe coverings. Failure to be reported promptly.
Safety devices	Temporary removal of rails, protective and safety equipment may only be done after consultation with the supervisor. Protective and safety equipment must be reset without delay.
Fire protection	Fire extinguisher can be found in the workplace / office. As well as in the stairwells in all houses.
Information	Everyone at the workplace must take part in this work environment plan.
Smoking	Smoking must only be done in a specially designated place. Not in workforce / office space. No smoking inside the construction buildings!!!
Name tags	Name tags should be worn by all in the workplace.

Risk overview

Arbeten med särskild risk som kommer att förekomma		Nej	Ja
1.	Work with a risk from falling from above a height of two meters.		Ja
2.	Work with a risk that includes being burried beneath masses of dirt/earth or sink down in loose ground.		Ja
3.	Work that can result in exposure of chemical and biological substances.	Nej	
4.	Work which can result in exposure of ionising radiation.	Nej	
5.	Work nearby a high voltage line.		Ja
6.	Work with risk of drowning.	Nej	
7.	Work in wells of tunnels and construction works underground.	Nej	
8.	Work under water with diving equipment.	Nej	
9.	Work in silo/pressure chamber under high air pressure.	Nej	
10.	Work in which explosives are being used.	Nej	
11.	Work in which usage, montage and demontage of heavy building slabs or heavy form building elements are being present.		Ja
12.	Work in place or area in which passing traffic is active.		Ja
13.	Demolition of bearing constructions or hazardous materials or substances.		Ja
14.	Work with disturbing noises.		Ja
15.	Working methods with risk of fire.		Ja
16.	Need of weather shelter.		Ja

Precautions against risk of falling

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Montage of new prefab buildings	Risk of falling. Risk of collapse.	
Åtgärder		
<p>Fall protection rails around free flooring edges or pit edges. Safety nets. Where safety can't be fitted with rails use safety belts. The prefabricated supplier's safety instructions should be followed carefully. Barriers are performed around surfaces during element mounting. Make sure that falling objects do not hurt anyone.</p>		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Montage of new roof construction.	Risk of falling. Risk of dropping objects.	
Åtgärder		
<p>Fall protection rails around free roof edges. Where safety can not be fitted with rails use safety belts. Make sure that falling objects do not hurt anyone.</p>		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Montage of insulation and roof covering on outer roof.	Risk of falling.	
Åtgärder		
<p>Fall protection rails around free roof edges. Where safety can not be fitted with rails use safety belts.</p>		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Fasade works, windows etc.	Risk of falling. Risk of dropping objects.	
Åtgärder		
Fixed positions are mounted, secured and anchored. Movable suspension posts, climbing posts, lift platforms, secured and anchored as well as inspected. Make sure that falling objects do not hurt anyone.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Montage of installations on roof.	Risk of falling. Risk of dropping objects..	
Åtgärder		
Fall protection rails around free roofs and pit edges. Where safety can not be fitted with rails use safety belts.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Montage of canals and pipes at roof at floors.	Risk of falling. Risk of dropping objects.	
Åtgärder		
Ladders are used at lower elevations and elevators, positions at higher altitudes above 2 meters. Protective rails around position and lift.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggsvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Montage of canals and pipes in open shafts.	Risk of falling. Risk of dropping objects.	
Åtgärder		
Fall protection rails around free edges. Possible mounting of the plate for the installer to be mounted on a larger shaft to facilitate assembly and enable an ergonomic work position.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggsvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Safety from fall in pumping pit.	Risk of falling.	
Åtgärder		
Fall protection rails around free edges or pump pits cover to avoid falls.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Precautions against soil strain risk
against soil strain risk

Precautions against soil strain risk.

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete / aktivitet		Tänkbar skada
Ground works		Landslides, falling earth masses. Fall damage.
Åtgärder		
<p>Ground works shall be designed to ensure that the stability of the soil is sufficient in view of the loads it may be exposed to. The risk of falling masses, floods and the like should be prevented. Among other things, ground stabilization measures, sled closures and bearing capacity are crucial to minimizing these risks.</p> <p>Work – methods and equipment</p> <ul style="list-style-type: none"> • Machines or other heavy equipment shall be placed on hard made ground and good stability shall be ensured • Take great precautions near sled closures and shaft edges, especially when raining as the risk of slides increases. • Ensure full security for workers / passing people at shafts nearby the road. <p>Pay special attention to:</p> <ul style="list-style-type: none"> • AFS 1999:03 § 72-76 • AFS 1981:15 protection against damage at slides • ”Schakta säkert, handbok från Arbetsmiljöverket/Sveriges Geotekniska Institut” 		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete / aktivitet		Tänkbar skada
Ground works in connection with shaft and filling works.		Damage when contacted with power distribution, such as electric shock and burns. Damage to contact with pressed wires.
Åtgärder		
<p>See scenario plan for existing wires in ground. Also unknown wires may occur. All work with wiring must comply with the rules of the management.</p> <p>Work-methods and equipment</p> <ul style="list-style-type: none"> • Before commencing work, the required shutdown of wiring must be done. Wiring should also be measured to ensure the situation at any time. • Only personnel with electrical power certificate may intervene in electrical installations temporary or permanent. • The necessary work preparation is being done for work on voltage-intensive lines. • Required temporary relocation, pickup or hanging of wire, obtaining permission from each cable owner before commencing work. • BAS-U will approve the design and any removals. • Inform cable owners of work near their cables. • Application for relocation of pipelines should be made by management to cable 		

owners.

- Application for disconnection of power lines must be made by management to cable owners.

Pay special attention

- Electrical Safety Agency's regulations ELSÄK-FS 2006:1
- The management of Kretslopp och Vattens instructions for "Work underground to protect VA plans in Gothenburg and neighbouring cities, municipalities etc.
- Göteborg Energy's provisions of ground works for electricity, district heating, district cooling, optifiber and gas.

Planering och projektering utförd av:	Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:	Signering BAS-U

Åtgärder mot arbete i närhet av högspänningsledning

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Elrum, niche etc.	Risk of unauthorized access to power stations.	
Åtgärder		
Electricity central room, niches must remain locked.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken 5,7,9	
Arbete/aktivitet	Tänkbar skada	
Electrical works with risk of electric shock.	Electric shock, burns etc.	
Åtgärder		
Only authorized personnel. Voltage must be controlled that it is disconnected.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Precautions with works with heavy elements

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Mounting of steal beams and pillars.	Damage of load/stress, risk of crushing, risk of collapse.	
Åtgärder		
Heavy elements lifted in place with crane, telfer or the like. Provisional bearing (assembly stability) is performed until the permanent stem stabilizing building components / couplings are mounted.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Mounting of prefabricated floor joints and walls.	Load damage, clamping hazard, risk of collapse.	
Åtgärder		
Heavy elements lifted in place with crane, telfer or the like. Provisional bearing (assembly stability) is performed until the permanent stem stabilizing building components / couplings are mounted. The prefable supplier's safety instructions should be followed carefully.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Gypsum boards with large measures.	Strain damage.	
Åtgärder		
Must be avoided in the project. Should such use be required, special reporting of prevention measures is required.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Transport of ventilation units, ducts, ducts, accumulator tanks, heat exchangers, etc.	Strain damage, risk of falling materials.	
Åtgärder		
Transport in to the buildings and floors carried out with transport and lifting aids. Division of aggregate for handling within building. Possible transport of larger parts before walls are rebuilt. Transport to the buildings and floors must be planned well so that ergonomic work position is possible.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Transport of ducts, pipes etc. to the floor	Strain damage, risk of falling materials.	
Åtgärder		
Transport to buildings and floors is carried out with transport and lifting aids to the respective floor planes before opening windows such as windows and doors.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Installation of heavy ventilation and pipe material	Strain damage, risk of falling materials.	
Åtgärder		
Any heavy material lifted in place with the required lifting device to facilitate assembly. The assembly is planned to enable ergonomic work position.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Gicon Installationsledning AB		
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Mounting of windows and doors.	Strain damage, squeeze damage	
Åtgärder		
Heavy elements lifted in place with crane, telfer or the like. Provisional bearing (assembly stability) is performed until the couplings are mounted.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete/aktivitet	Tänkbar skada	
Mounting of elevator	Strain damage, squeeze damage	
Åtgärder		
Heavy elements lifted in place with crane, telfer or the like. Provisional bearing (assembly stability) is performed until the permanent stem stabilizing building components / couplings are mounted.		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U

Precautions of passing traffic

Byggvecka	Plats	Arbetet utförs av (entreprenör)
	Stallbacken punkt 4	
Arbete / aktivitet		Tänkbar skada
<p>Åtgärder</p> <p><i>Below is a checklist that presents a number of action points. These measures aim to provide you with suggestions / ideas to formulate appropriate risk reduction measures. Replace checklist action points with as detailed solutions / action descriptions as possible. Information on regulations, instructions, etc. can be found in the AMP Guidance Help pages. Konstruktiva överväganden och åtgärder</i></p> <p>Produktion methods and materials</p> <ul style="list-style-type: none"> • Temporary roads and/or bridges. <p>Safety preparation for transport and work</p> <p>Special technical or organizational security measures</p> <ul style="list-style-type: none"> • Traffic is separated from the workplace by traffic barriers (type, location etc.) • Traffic is routed with traffic signals (location) • The traffic is led so that the vehicles pass at a safe distance • Traffic signs (type, location, etc) <p>Permission</p> <ul style="list-style-type: none"> • Application for traffic change at the Swedish Road Administration • Application for speed limitation at the Swedish Road Administration. 		
Planering och projektering utförd av:		Signering BAS-P / BAS-U
Arbetet med denna risk slutfört den:		Signering BAS-U